



- ELECTROMAGNETIC FLOWMETER
- WATER LEVEL INDICATER
- SOUNDER/ PORUS TUBE
- AIR QUALITY ANALYZER
- GAS ANALYSER
- WATER ANALYZER
- WEATHER MONITERING SYSTEM
- MASS FLOWMETER
- ULTRASONIC FLOWMETER
- 1. HAND HELD
- 2. INLINE
- VERIOUS TYPE OF FLOWMETER

GSTIN:- 09AANFC8899G1ZK

(AN ISO 9001-2015 CERTIFIED COMPANY)

METAZONE ENGINEER P.LTD.

EXPERT IN FLUID MEASUREMENT

OFFICE ADD:- GT COMPLEX KHAMTARAI, RAIPUR (CG)



+91 9606510088

+91 76076 92457



ELECTROMAGNETIC FLOWMETER

BODY-----

ENCLOUSER MATERIAL(HOUSING) :- Flameproof, IP65 / IP66

INSTRUMENT DETAILS :- SPECIFICATIONS

Flange Connection :- ASA 150 RF 16.5 Table

MATERIAL BODY :- MS/ SS

ELECTRODE :- SS 316L

FLANGE :- MS/ SS

LINEAR :- PTFE (TEFLON)

SUPPLY-----

- Display - 16X2 alphanumeric LCD Display
- Power Supply - 220V, 50Hz
- Output - 4 - 20mA, RS 485 (Optional)
- Minimum Conductivity - 5u Siemens / CM
- UPSTREAM STRIGHT LENTH :- 25 to 600
*DN (meter size)



HAND HELD ULTRASONIC



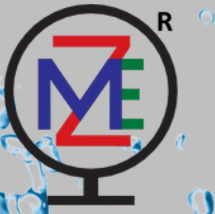
TECHNICAL SPECIFICATION-----

- Principle :- Transit-time
- Accuracy :- 1%
- Display :- 4×16 character with back light
- Data Storage:- Built-in 32 Mbit logger
- Pipe Material:- Carbon steel, stainless steel, cast iron, copper, PVC
- Measuring Range :- DN25~DN6000mm
- Liquid :- Water, sewage, etc.. (Full of pipeline)
- Power supply:- Built in rechargeable Ni-MH batteries, 12 hours'
- operation :- (Continuous)
- Housing :- ABS

NOTE:-

- Clamp-on Ultrasonic Flowmeter: A non-invasive type of flowmeter that can be installed on the outside of a pipe without interrupting the flow.





PIEZOMETER (DWLR)



TECHNICAL SPECIFICATION-----

- Ground Water Level Recorder 16 Bar Pressure transducer.
- Cable Length:- 50 Meters 128x64 Graphical Outside Box: ABS Material
- Inside Box:- SD Card for Data Storage
- One 12VDC Adaptor Included.

SUPPLY-----

- Connectivity for Data Transmission: GSM 4G Supported, Wifi, Ethernet
- Battery backup:- upto 36hrs
- Online Web Page for Water Level Data Monitoring (For 1 Year Inclusive).
- Exclusions:- Site Installation Normal SIM Card Internet Pack. LCD along with 1x4 Keypad for Data Monitoring & Configuration

WEATHER MONITORING SYSTEM



TECHNICAL SPECIFICATION-----

System type MZE-WMS-01 comprises 7 sensors (rain, wind speed and direction, solar energy ,RH, air and soil temperature), with 2m mast, canopy and accessories.

Field proven in severe weather conditions. Unattended weather recording at remote and exposed sites. Wide choice of sensor and accessories. GSM Modem communication.

MEASURING POINT-----

- temperature sensor
- humidity sensor
- pressure sensor
- wind speed sensor
- wind direction sensor
- rainfall sensor





SOUNDER (WATER LEVEL INDICATOR)

FEATURE-----

- Porous Tube (L):- Casagrande tip, 37 mm o.d., 25 mm
- long covered with geo-textile
- Stand pipe:-25 mm o.d., with wall thickness 1.5 mm PVC pipe in suitable length
- Resolution:- 0.1" standardLength 'L' (m):- 30, 50, 100, 150, 200, 300,
- Length 'L'(ft):- 50, 100, 150, 300, 500
- Tape/Cable Size :- 10 mm wide x 2 mm thick
- Probe :- Stainless steel 12.7 mm dia.
- Audio Signal : - Sound buzzer
- Visual Signal:- Green LED light signal
- Power Supply:- 9 V PP-3 size battery



AIR QUALITY MONITORING SYSTEM



MONITORING SYSTEM-----

Principle Laser Scattering Parameters PM 2.5 & PM 10
Resolution Range Range Input Voltage :- 0.1 ug/m3 Renge:-
0-1000 ug/m3 Voltage:- 220V AC 50 Hz Sampling:- Real
Time

SALIENT FEATURE-----

- PM 2.5 / PM 10 Ambient Air Quality Monitor is highly accurate
- and reliable. Particulate Monitoring in ug/m' is measured through laser scattering.
- Accurate & Reliable Readings
- Graphical LCD for easy monitoring & navigation
- Rugged & Robust design suitable for industrial environment



WATER ANALISER

TECHNICAL SPECIFICATION-----

- Parameters Support BOD, COD, TSS , pH , Flow Rate (Optional)
- Additional Parameters:- As per Requirement
- BOD Range:- 0-500 mg/l
- COD Range:- 0-500 mg/l
- TSS Range:- 0-500 mg/l
- pH Range:- 2-12 , 0-14 (Optional)
- Method:- UV Correlation
- Parameters Accuracy:- +/-5%
- pH Accuracy :- +/- 0.1 pH
- Sample Flow:- Recommended 0-2 l/min
- Sample Pressure:- Recommended 0-1 Bar
- Operating Temperature:- 0 - 70 °C
- Sample Interval:- Customizable 5 min & above
- Cleaning Interval:- Customizable 2 min & above
- Maintenance Interval:- 3 months Recommended
- HMI Size:- 7.0 inch touch screen
- HMI Resolution:- 800×480 pixel





GAS ANALISER

(NDIR) GAS ANALYZER-----

- NO, SO₂, CO, CO₂, CH₄ Measurement Available
- Wide measurement range
- Excellent zero-point stability: $\pm 0.5\%$ FS per week
- Simultaneous and continuous measurement of up to 5 components
- Compact and lightweight: 483 (W) $\times$ 133 (H) $\times$ 382 (D) mm, ≤ 13 kg
- Simple structure for ease of maintenance
- Built-in magnetic or galvanic O₂ sensor (optional)

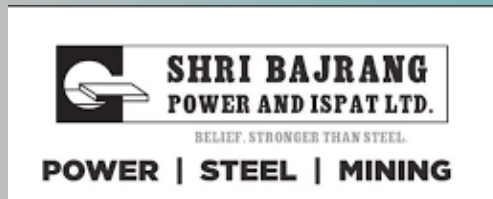
Zirconia Oxygen Analyzer-----

In-situ oxygen analysis requires no gas sampling device

FEATURES-----

- Easily replaceable zirconia element
- Fast response (4 to 7 seconds)
- IP66 or IP67 enclosure
- Operation available without opening the cover

WE'VE MADE A DEAL WITH



ABOUT US

Metazone Engineers Private Limited (ISO 9001:2015) is a next generation young entrepreneurship engineering firm and Leading manufacturer & supplier of measuring instruments like Electromagnetic Flow Meter, Digital Water Level Recorder (Piezometer), Ultrasonic flow meter ETC .

The organization has started its journey in 2009. With the steady pace and its exponential growth it has become industry Competitor within a very short span of time. Metazone has built strength of executing customized solutions.

We help our customers in adopting technology advancement to maximize their Return on Investment with zero-tolerance qualitative approach

We are committed to maintain high standards of quality across the engineering and technology industry. It shall be achieved through customer satisfaction by ensuring consistency in our products with on-time delivery and after sales support.

